CLASSIFICATION:

UNCLASSIFIED

EXHIBIT R-2, RDT&E Budget Item Justification						DATE: February 2004	
RESEARCH DEVELOPMENT TEST & EVALUATION, NAVY / BA-5				0604217N S-3 Weapon System Improvement			
COST (\$ in Millions)	FY 2003	FY 2004	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009
Total PE Cost	0.398	3					
H0489 S-3 WSIP	0.398	3					
	I	1				1	1

A. MISSION DESCRIPTION AND BUDGET ITEM JUSTIFICATION:

The current program provides continuation of a series of progressive modular improvements which began with the S-3 Weapons System Improvement Progam (WSIP) Phase I (S-3A modified to S-3B configuration). Based upon the S-3 WSIP Operational Requirement, the full program achieves the required multi-mission operational capability through continuous time-phased, selective mission avionics processing upgrades that are pursued in priority order. Initial Nunn-funded development focused on the Co-Processor Memory Unit (CPMU) hardware, a joint U.S./Canadian industrial base development program which provides the core processing capability and open architecture required for future modular S-3B modification. This program will complete CPMU integration and test and rewrite existing Tactical Mission Program (TMP) code into Ada higher-order language. Ada TMP development and CPMU integration will be leveraged to provide for sensor and connectivity enhancements in conjunction with the S-3B Surveillance System Upgrade (SSU) Project.

R-1 SHOPPING LIST - Item No.

87

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Exhibit R-2, RDTEN Budget Item Justification (Exhibit R-2, page 1 of 1)